

...NWS Damage Survey for 04/16/23 Micco Tornado Event...

.Micco EF-0 Tornado...

Rating:	EF-0
Estimated Peak Wind:	65-75 mph
Path Length /statute/:	0.50 miles
Path Width /maximum/:	100 yards
Fatalities:	0
Injuries:	0
Start Date:	Apr 16 2023
Start Time:	536 pm EDT
Start Location:	1 ENE Micco
Start Lat/Lon:	27.8749 / -80.5040
End Date:	Apr 16 2023
End Time:	538 pm EDT
End Location:	1 ENE Micco
End Lat/Lon:	27.8727 / -80.4965

A National Weather Service Melbourne damage survey confirms that a brief EF-0 tornado touched down initially in the River Groves mobile home community in Micco. The tornado continued to the east-southeast into the Summit Cove Condominiums complex before crossing US-1 and emerging into the Indian River Lagoon near the Sebastian River Marina and Boatyard. The tornado was on the ground for approximately 0.5 miles, had a maximum width of approximately 100 yards, and peak winds estimated between 65-75 mph.

Damage was first noted near Love Ct. where the tornado touched down at approximately 536 pm EDT. Brevard County Emergency Management conducted an initial assessment and documented between 25-30 structures with at least minor damage in the River Groves community, primarily along Love Ct., Cherish Dr., and River Groves Dr. These homes suffered partial damage to carports, awnings, siding, and skirting. Additionally, several structures lost portions of their roof when the attached carport or porch awnings were torn away from the home.

The tornado continued east-southeast toward the Summit Cove Condominiums complex where some damage was noted to trees near the clubhouse, as well as siding on nearby homes, on Summit Cove Dr. The system crossed US-1 before emerging into the Indian River Lagoon near the Sebastian River Marina & Boatyard, where several boats were moved from their storage rack. An eyewitness indicates the tornado briefly became a waterspout before dissipating.

There are no known direct injuries or fatalities as a result of the tornado. Thank you to Brevard County Emergency Management, local broadcast media, trained spotters, as well as local residents and business owners for providing information before and during the storm survey.

EF Scale: The Enhanced Fujita Scale classifies tornadoes into the following categories:

EF0...Weak.....65 to 85 mph
EF1...Weak.....86 to 110 mph
EF2...Strong....111 to 135 mph
EF3...Strong....136 to 165 mph
EF4...Violent...166 to 200 mph
EF5...Violent...>200 mph

NOTE:

The information in this statement is preliminary and subject to change pending final review of the event and publication in NWS Storm Data.

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Ulrich/Volkmer/Haley



Figure 1. Damage to a home on Love Ct. in the River Grove community in Micco, FL. (Photo: Robert Haley)



Figure 2. Damage to a home on Love Ct. in the River Grove community in Micco, FL. (Photo: Robert Haley)



Figure 3. Damage to a home on River Grove Dr. in the River Grove community in Micco, FL. (Photo: Robert Haley)



Figure 4. Damage to a home on River Grove Dr. in the River Grove community in Micco, FL. (Photo: Robert Haley)



Figure 5. Damage to the side of a condominium on Summit Cove Dr. in the Summit Cove community in Micco, FL. (Photo: Robert Haley)



Figure 6. Fallen trees along Summit Cove Dr. in the Summit Cove community in Micco, FL. (Photo: Robert Haley)